

FIG.1 PRIOR ART

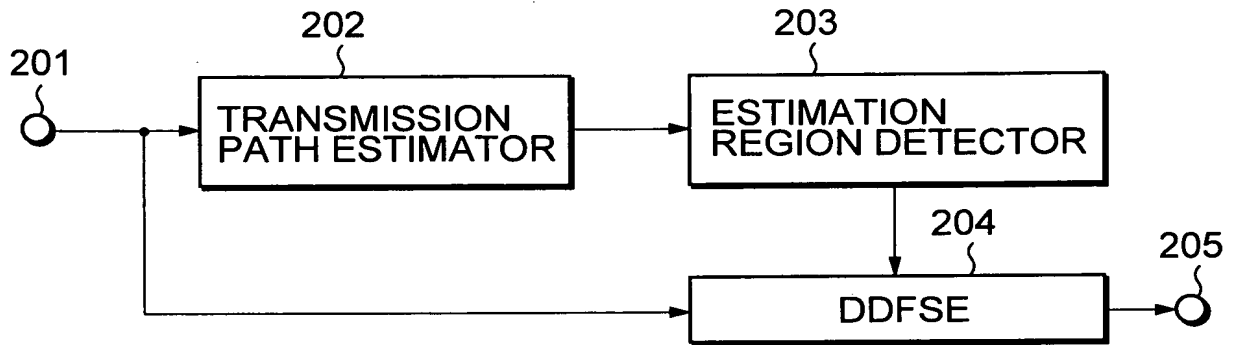


FIG.2 PRIOR ART

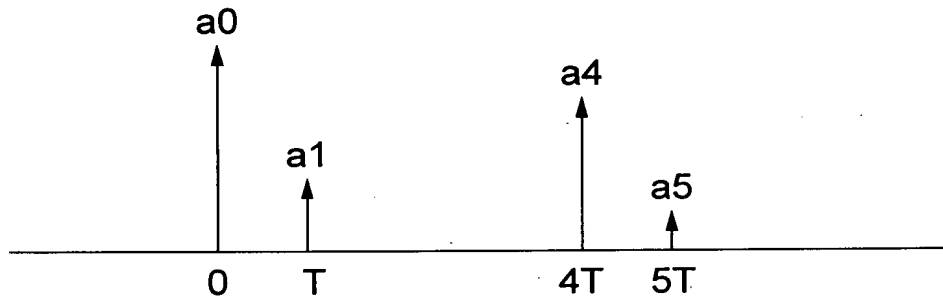
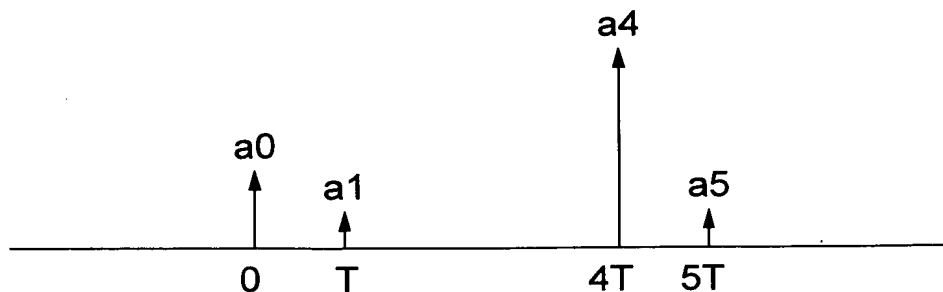


FIG.3 PRIOR ART



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FIG.4 PRIOR ART

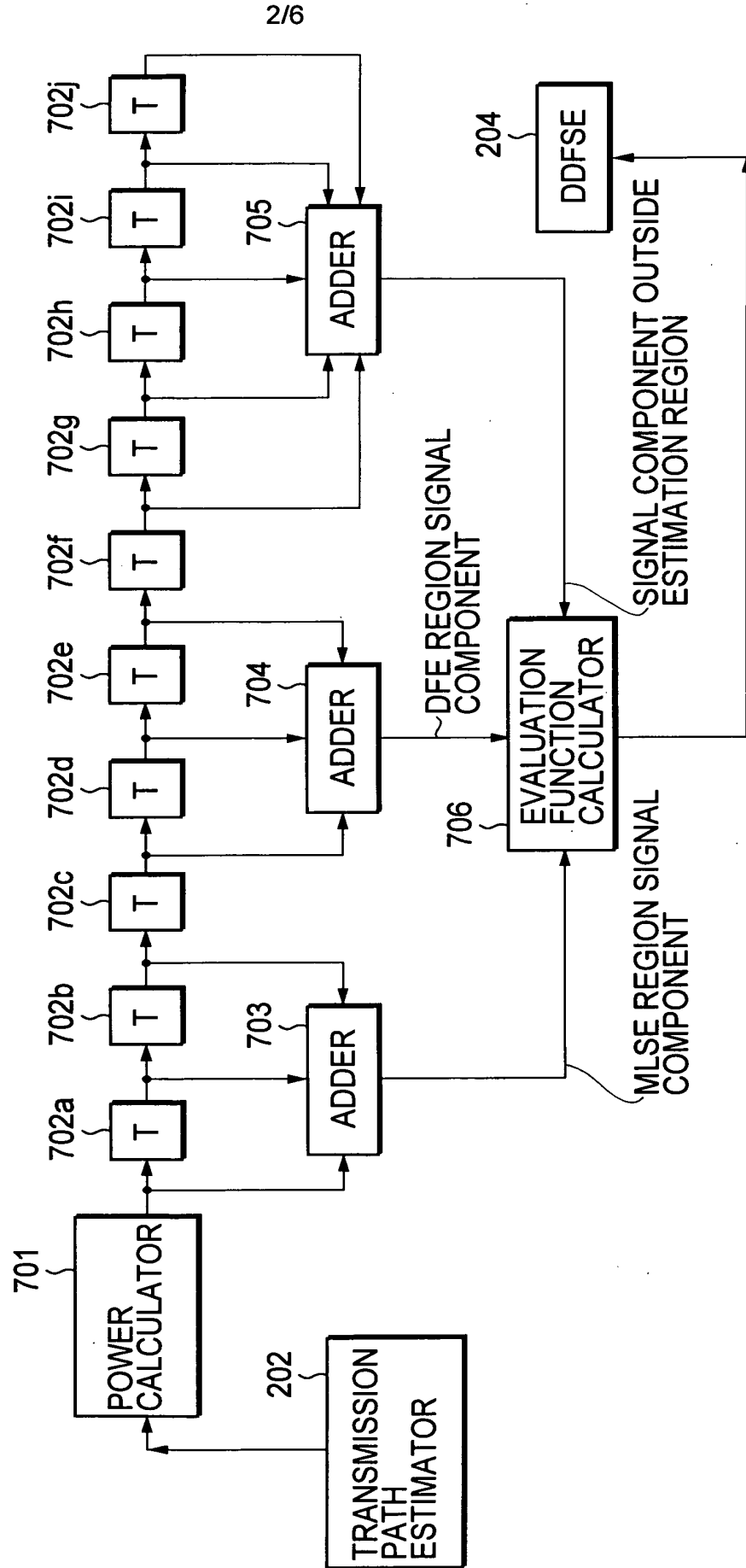


FIG. 5

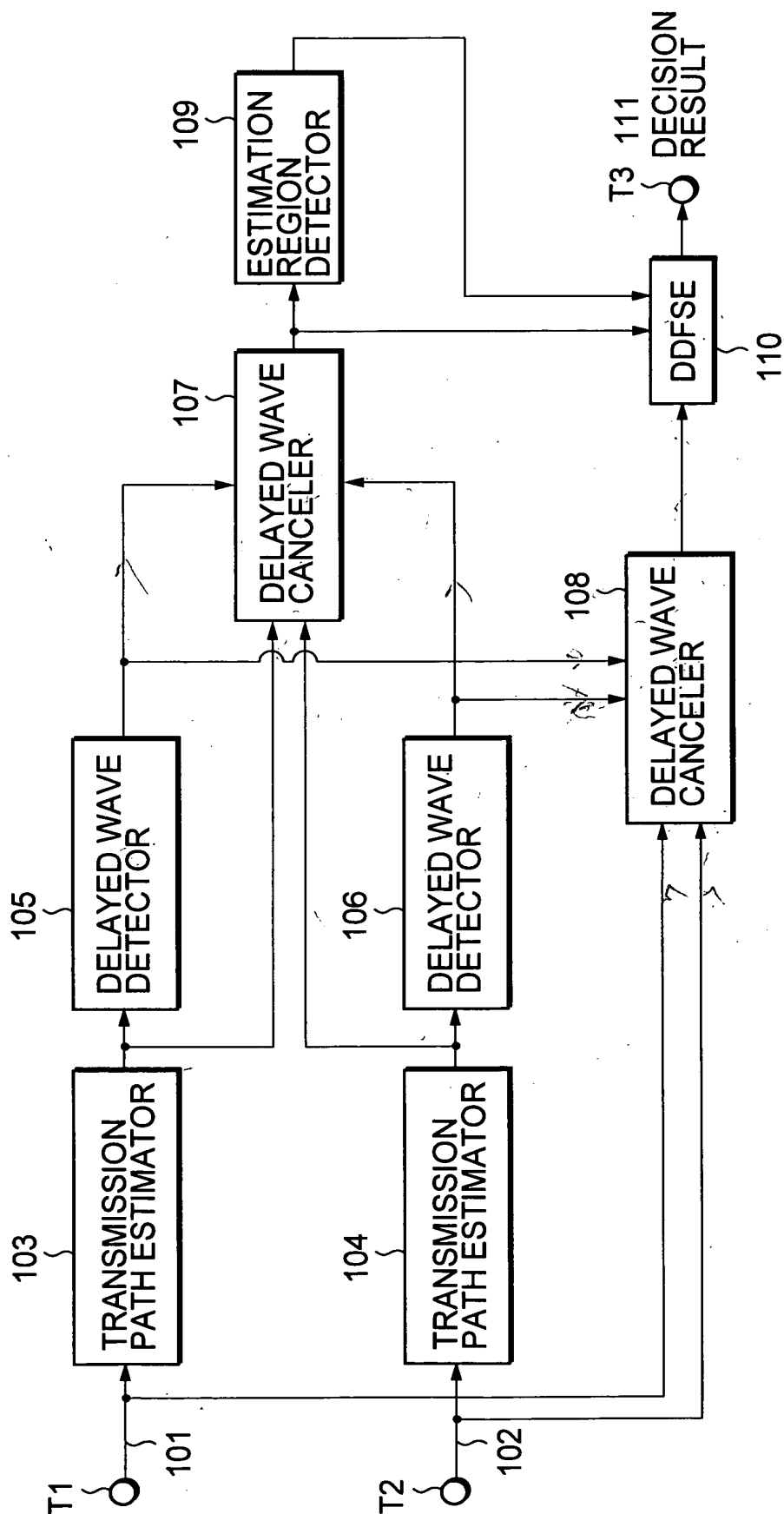


FIG. 6

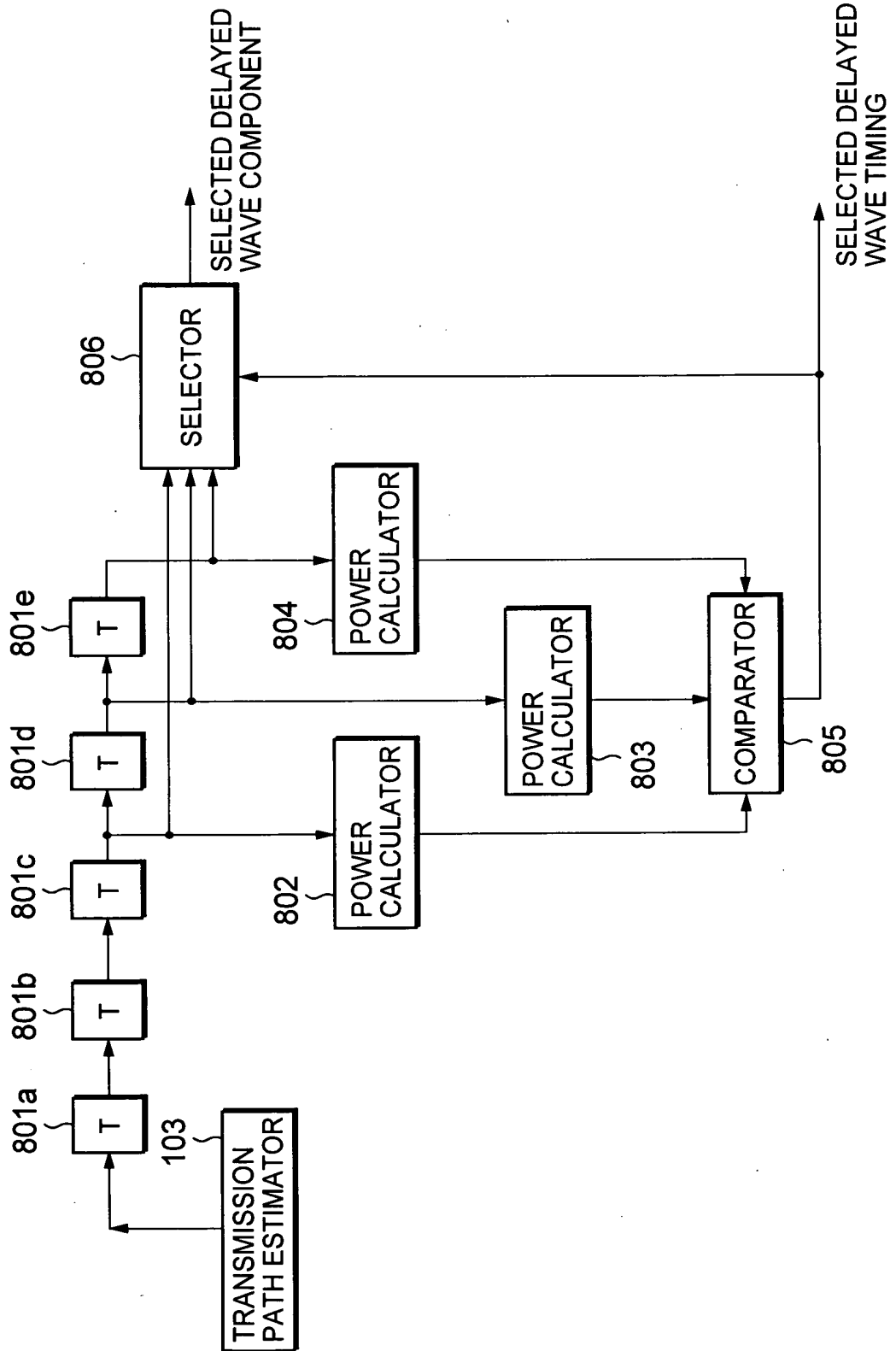
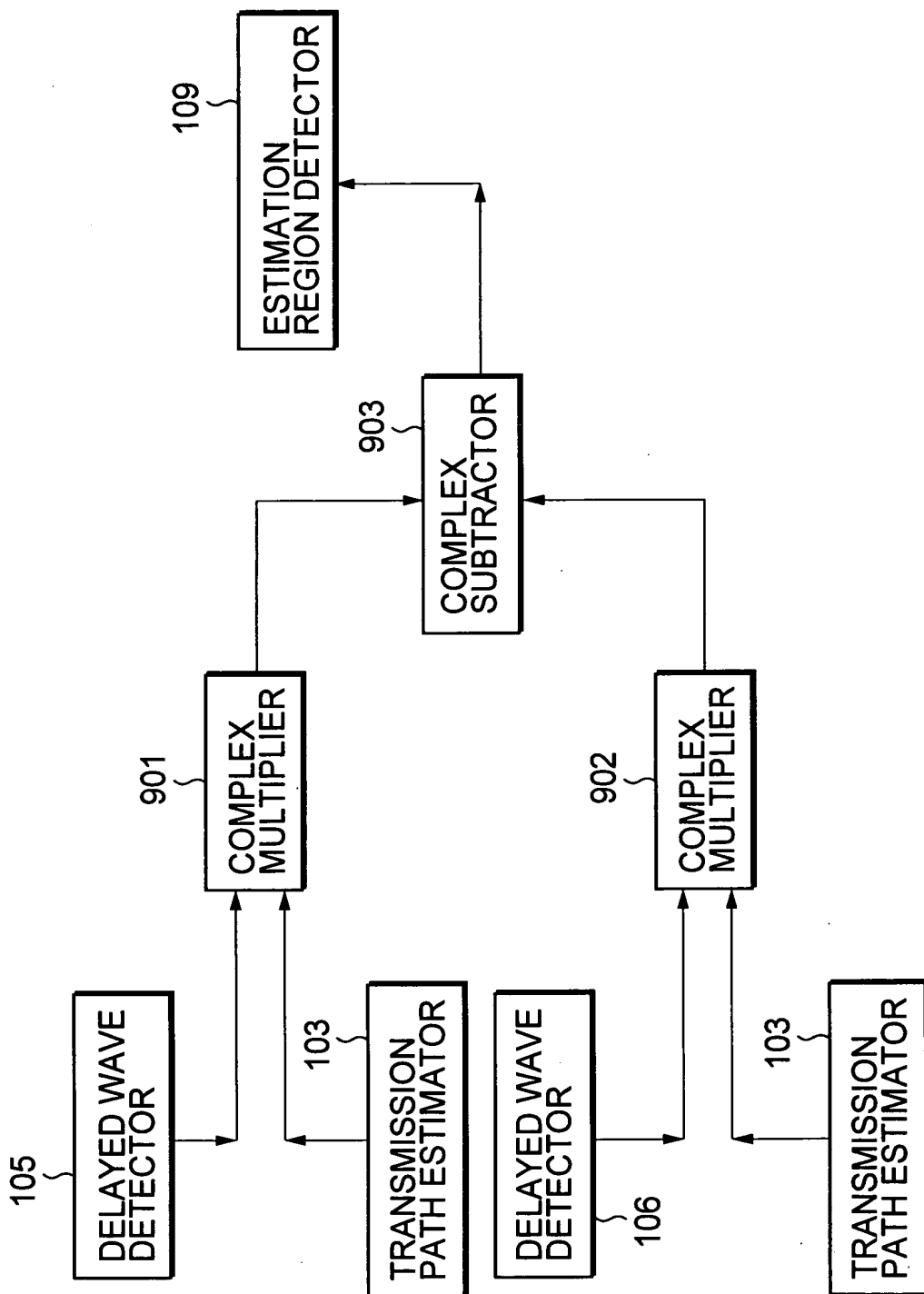


FIG. 7



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The diagram shows a horizontal axis representing time n . Three vertical arrows represent impulses of the signal $a[n]$ at specific time intervals:

- An arrow at $n=0$ with height a_0 .
- An arrow at $n=T$ with height a_1 .
- An arrow at $n=5T$ with height a_5 .

Diagram illustrating a discrete-time signal $x[n]$ with period T . The signal is zero for $n < 0$ and $n \geq 7$. The non-zero samples are $a_0, a_1, a_2, a_3, a_4, a_5, a_6, a_7$, occurring at $n=0, T, 2T, 3T, 4T, 5T, 6T, 7T$ respectively.